

| Ref # | Hits | Search Query                                       | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 2534 | travers\$3 with tree                               | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:41 |
| L2    | 170  | 1 and (B-tree or (avl near2 tree))                 | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:40 |
| L3    | 125  | 2 and (tree with index\$2)                         | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:29 |
| L4    | 105  | 3 and ((data near2 structure) or array)            | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:29 |
| L5    | 82   | 4 and pointer                                      | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:29 |
| L6    | 16   | 5 and (head or tail)                               | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:38 |
| L7    | 0    | 5 and (head or tail) and (rapid\$ near2 insert\$4) | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:39 |
| L8    | 7    | 5 and (head or tail) and insertion                 | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:40 |
| L9    | 0    | 5 and (head or tail) and (rapid\$ with insert\$4)  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/01/04 09:40 |

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| L10 | 0    | 5 and (head or tail) and (rapid\$ with insert\$3)          | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:40 |
| L11 | 4754 | (head or tail) and (rapid\$ with insert\$3)                | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:40 |
| L12 | 0    | 11 and (B-tree or (avl near2 tree))                        | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:40 |
| L13 | 0    | 11 and (travers\$3 with tree)                              | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:42 |
| L14 | 1    | (rapid\$ near2 insertion) with (binary near2 tree)         | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:04 |
| L15 | 2    | (rapid\$ near2 insertion) with (tree)                      | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:43 |
| L16 | 0    | (rapid\$ near2 insertion) and (redistribute\$1 with nodes) | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:44 |
| L17 | 4    | (rapid\$ near2 insertion) same tree                        | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:45 |
| L18 | 275  | array same (binary near2 tree)                             | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:45 |
| L19 | 37   | 18 and insertion   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 09:49 |

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| L20 | 17    | 18 and insertion and pointer   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:03 |
| L21 | 5     | (link near2 list) same (binary near2 tree)   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:03 |
| L22 | 74    | (link near2 list) same tree  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:04 |
| L23 | 0     | (rapid\$ near2 insertion) and 22   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:04 |
| L24 | 1929  | (rapid\$ near2 insertion) and insertion  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:04 |
| L25 | 18    | insertion and 22   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:07 |
| L26 | 2     | insertion and 22 and pointer and (head or tail)                                    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:12 |
| L27 | 10504 | 707/100 or 707/102 or 707/3  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:13 |
| L28 | 16    | 27 and ((link near2 list) same tree)   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:13 |
| L29 | 21    | 27 and ((link near2 list)) and ((binary near2 tree) or B-tree or (avl near2 tree)) | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:14 |

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| L30 | 12   | 27 and ((link near2 list)) and ((binary near2 tree) or B-tree or (avl near2 tree)) and insertion | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:21 |
| L31 | 2    | "6249788".pn.  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:22 |
| L32 | 4030 | 27 and (data near2 structure)  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:23 |
| L33 | 57   | 27 and (data near2 structure) and redistribut\$3 and tree  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:24 |
| L34 | 23   | 27 and (data near2 structure) and redistribut\$3 and tree and insertion and pointers             | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:53 |
| L35 | 0    | (redistribut\$3 with (data near2 structure)) and (redistribut\$ with tree)                       | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:28 |
| L36 | 74   | 1 and (link near2 list)  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:32 |
| L37 | 313  | (data near2 structure) same (travers\$ with tree)  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:32 |
| L38 | 5    | 37 and (link near2 list)   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:33 |
| L39 | 158  | (sorted near2 tree)  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:33 |

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| L40 | 69   | 39 and pointers                                    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:48 |
| L41 | 1592 | 707/7  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:48 |
| L42 | 14   | 41 and (heap near2 sort)                           | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:49 |
| L43 | 31   | 41 and (link near2 list)                           | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:51 |
| L44 | 11   | 41 and (link near2 list) and<br>insertion          | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 10:52 |
| L45 | 10   | 41 and (link near2 list) and<br>insertion and tree | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 11:00 |
| L46 | 171  | (quick near2 sort\$2)                              | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 11:01 |
| L47 | 10   | 46 and tree and pointers                           | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 11:12 |
| L48 | 201  | (empty near2 nodes)                                | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 11:13 |
| L49 | 38   | 48 and 1   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 11:13 |



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| L50 | 0   | 48 and 1 and array   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 11:14 |
| L51 | 66  | ((null or empty) near2 node) and<br>(array same (blank or empty))        | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:12 |
| L52 | 0   | (empty near2 nodes) with tree and<br>((empty near2 nodes) with array)    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:07 |
| L53 | 0   | (empty near2 nodes) with tree and<br>((empty near2 nodes) same array)    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:07 |
| L54 | 0   | (empty near2 nodes) same tree<br>and ((empty near2 nodes) same<br>array) | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:07 |
| L55 | 7   | (empty near2 nodes) same array   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:11 |
| L56 | 5   | (null near2 nodes) same array  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:11 |
| L57 | 675 | chen.in. and empty   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:12 |
| L58 | 16  | chen.in. and (empty same array)  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:13 |
| L59 | 27  | empty near2 lots   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:13 |

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| L60 | 0     | 59 and array and tree                                       | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:14 |
| L61 | 13090 | array and tree  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:14 |
| L62 | 276   | 61 and (empty near2 (slot or block or cell))                | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:14 |
| L63 | 6     | 62 and (empty near2 nodes)                                  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:19 |
| L64 | 1     | arrays same (empty near2 nodes)                             | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:20 |
| L65 | 2     | arrays same (null near2 nodes)                              | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:20 |
| L66 | 23    | arrays and (null near2 nodes)                               | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:22 |
| L67 | 27    | arrays and (empty near2 nodes)                              | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:42 |
| L68 | 1592  | 707/7   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:42 |
| L69 | 7     | 68 and tree and insertion and array and (empty near2 nodes) | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 12:52 |

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| L70 | 42  | array with (pointers with empty)     | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:01 |
| L71 | 53  | array with (pointers with null)      | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:01 |
| L72 | 22  | 71 and tree                          | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:04 |
| L73 | 1   | "5758353".pn. and (empty same array) | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:10 |
| L74 | 642 | (empty with nodes)                   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:11 |
| L75 | 38  | (empty with nodes) same array        | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:21 |
| L76 | 0   | (contiguous near2 empty near2 nodes) | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:22 |
| L77 | 1   | (contiguous with empty with nodes)   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:26 |
| L78 | 21  | adjacent with empty with nodes       | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:32 |
| L79 | 34  | next with empty with nodes           | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:30 |



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| L80 | 0      | (adjacent with empty with entries) same tree  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:33 |
| L81 | 45     | (empty near2 nodes) same tree   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:47 |
| L82 | 624504 | (data near2 structure) or array   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:48 |
| L83 | 1662   | 82 and (binary near2 tree)  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:48 |
| L84 | 25     | 83 and (empty near2 nodes)  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:48 |
| L85 | 12     | 84 and insertion and pointer  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:48 |
| L86 | 2      | (heap near2 sort) and array and tree  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:54 |
| L87 | 266    | insertion and (binary near2 tree) and (array or (link near2 list))                    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 13:55 |
| L88 | 100    | insertion and (binary near2 tree) and (array or (link near2 list)) and "707"/\$.ccls. | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 14:11 |
| L89 | 166    | (stor\$3 with pointers with (null or empty))  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/04 14:11 |